

Query Match 4.9%; Score 147; DB 1; Length 113;
 Best Local Similarity 29.1%; Pred. No. 4.88e-03; Mismatches 32; Indels 5; Gaps 4;
 Matches 23; Conservative 19; Mismatches 32; Indels 5; Gaps 4;

CC REFERENCE/DOCKET NUMBER: Tju-1262
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (215) 568-3100
 CC FAX: (215) 568-4339
 CC INFORMATION FOR SEQ ID NO: 37:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 113 amino acids
 CC TYPE: amino acid
 CC TOPOLOGY: Linear
 CC MOLECULE TYPE: protein
 CC SEQUENCE 113 AA: 13317 MW: 64891 CN;
 SQ

Query Match 4.9%; Score 147; DB 3; Length 113;
 Best Local Similarity 29.1%; Pred. No. 4.88e-03; Mismatches 32; Indels 5; Gaps 4;
 Matches 23; Conservative 19; Mismatches 32; Indels 5; Gaps 4;

CC REFERENCE/DOCKET NUMBER: Tju-1262
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (215) 568-3100
 CC FAX: (215) 568-4339
 CC INFORMATION FOR SEQ ID NO: 37:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 113 amino acids
 CC TYPE: amino acid
 CC TOPOLOGY: Linear
 CC MOLECULE TYPE: protein
 CC SEQUENCE 113 AA: 13317 MW: 64891 CN;
 SQ

RESULT 4 ID US-08-545-860D-37 STANDARD; PRT; 113 AA.
 XX AC XXXXX
 XX DT
 X Sequence 37, Application US/08545860D
 DE
 CC Sequence 37, Application US/08545860D
 CC Patient No. 6040440
 CC GENERAL INFORMATION:
 CC APPLICANT: Croce, Carlo
 CC ADDRESS: Woodcock, Washburn, Kurtz, Mackiewitz &
 CC STREET: One Liberty Place, 46th floor
 CC CITY: Philadelphia
 CC STATE: Pennsylvania
 CC COUNTRY: USA
 CC ZIP: 19103
 COMPUTER READABLE FORM:
 CC MEDIUM TYPE: floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/545, 860D
 CC FILING DATE: 07-MAR-1995
 CC CLASSIFICATION: 435
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: PCT/US94/04496
 CC FILING DATE: 22-APR-1994
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/545, 860D
 CC FILING DATE: 09-DEC-1992
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US 08/327, 392
 CC FILING DATE: 19-OCT-1994
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US 08/062, 443
 CC FILING DATE: 14-MAY-1993
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US 08/320, 559
 CC FILING DATE: 11-OCT-1994
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US 07/971, 094
 CC FILING DATE: 30-OCT-1992
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US 07/888, 839
 CC FILING DATE: 27-MAY-1992
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US 07/805, 093
 CC FILING DATE: 11-DEC-1991

RESULT 5 ID US-08-545-860D-59 STANDARD; PRT; 187 AA.
 XX AC XXXXX
 XX DT
 XX Sequence 59, Application US/08545860D
 CC Sequence 59, Application US/08545860D
 CC Patent No. 6040440
 CC GENERAL INFORMATION:
 CC APPLICANT: Croce, Carlo
 CC ADDRESS: Woodcock, Washburn, Kurtz, Mackiewitz &
 CC STREET: One Liberty Place, 46th floor
 CC CITY: Philadelphia
 CC STATE: Pennsylvania
 CC COUNTRY: USA
 CC ZIP: 19103
 COMPUTER READABLE FORM:
 CC MEDIUM TYPE: floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/545, 860D
 CC FILING DATE: 07-MAR-1995
 CC CLASSIFICATION: 435
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: PCT/US92/10930
 CC FILING DATE: 09-DEC-1992
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US 08/327, 392
 CC FILING DATE: 19-OCT-1994
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US 08/062, 443
 CC FILING DATE: 14-MAY-1993
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US 07/971, 094
 CC FILING DATE: 30-OCT-1992
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US 07/888, 839
 CC FILING DATE: 27-MAY-1992
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US 07/805, 093
 CC FILING DATE: 11-DEC-1991

ATTORNEY/AGENT INFORMATION:
 NAME: DeLuca Esq., Mark
 REGISTRATION NUMBER: 33,229
 REFERENCE/DOCKET NUMBER: Tju-1262
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (215) 568-3100
 FAX: (215) 568-4339
 INFORMATION FOR SEQ ID NO: 37:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 113 amino acids
 TYPE: amino acid
 TOPOLOGY: Linear
 MOLECULE TYPE: protein
 SEQUENCE 113 AA: 13317 MW: 64891 CN;
 SQ

QY 351 CGQPHHEEMFCDDCDRGYHTFCG--LGAIPSRWICDCCQR 392
 RESULT 10 ID US-08-293-728-2 STANDARD; PRT; 933 AA.
 ID US-08-864-804-3 STANDARD; PRT; 373 AA.
 ID US-08-293-728-2 STANDARD; PRT; 933 AA.
 ID US-08-608641-1 STANDARD; PRT; 373 AA.
 ID US-08-293-728-2 STANDARD; PRT; 933 AA.
 ID US-08-608641-1 STANDARD; PRT; 373 AA.
 DE Sequence 3, Application US/08B64804
 Sequence 3, Application US/08B64804
 Patent No. 5938641
 GENERAL INFORMATION:
 APPLICANT: Lal, Preeti
 APPLICANT: Shah, Purvi
 APPLICANT: Corley, Neil C.
 TITLE OF INVENTION: METAL RESPONSE ELEMENT BINDING PROTEIN
 NUMBER OF SEQUENCES: 3
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Incyte Pharmaceuticals, Inc.
 STREET: 3174 Porter Drive
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/864,804
 FILING DATE: Herewitch
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 35,749
 REFERENCE/DOCKET NUMBER: PF-0307 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-855-0555
 TELEFAX: 415-845-1166
 TELEX:
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 373 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: GenBank
 CLONE: 988846
 SEQUENCE 373 AA; 42003 MW; 740685 CN;
 Query Match 3.9%; Score 118; DB 2; Length 373;
 Best Local Similarity 33.8%; Pred. No. 7 15e-01;
 Matches 24; Conservative 17; Mismatches 22; Indels 8; Gaps 7;
 DE Sequence 6, Application US/08682847
 Sequence 6, Application US/08682847
 Patent No. 5859989
 GENERAL INFORMATION:
 APPLICANT: BABUK, LORNE
 APPLICANT: VAN DEN HURK, SYLVIA
 APPLICANT: ZAMB, TIM
 APPLICANT: FITPATRICK, DAVID
 TITLE OF INVENTION: RECOMBINANT BOVINE HERPESVIRUS TYPE 1
 NUMBER OF SEQUENCES: 8
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MORRISON & FOERSTER
 STREET: 755 PAGE MILL ROAD
 CITY: PALO ALTO
 STATE: CA
 COUNTRY: USA
 ZIP: 94304-1018
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.3.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/682,847
 FILING DATE: 12-JUL-1996
 CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: PARK, FREDDIE K.

REGISTRATION NUMBER: 35,636

REFERENCE/DOCKET NUMBER: 29310-20005.10

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 813-5600

TELEFAX: (415) 494-0792

TELEX: 70641

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 417 amino acids

TYPE: amino acid

TOPOLGY: Linear

MOLECULE TYPE: protein

SEQUENCE: 417 AA; 44924 MW; 837437 CN;

Query Match 3.6%; Score 108; DB 2; Length 417;
 Best Local Similarity 19.2%; Pred. No. 3.72e+00; Mismatches 54; Indels 6; Gaps 6;
 Matches 23; Conservative 37; MisMatches 37;

D. 244 DWMWHRGGVVPFEESKG-YEPPEPAAGGSPAPPGEDEARDEDEGETDAGREGNG 302
 OY 176 EY-VKRYSPEDELRVLPLNTALYEPDPDSDPAPJSDGSDG-GEDEKRKNKGTS 233

Db 303 PPGPEGDGESQTEAANGGA-EEGEPKPGPSPDAADPREGWPSLEATHPPAPATPAAPDAY 361
 QY 234 SSGAVSEGESP-PDSQEDSFQGRSKDKAATPRKD-GPKRSVLSKVPGYKPKVIPN 291

ATTORNEY/AGENT INFORMATION:

NAME: Granahan, Patricia

REGISTRATION NUMBER: 32,227

REFERENCE/DOCKET NUMBER: MTT-4641AAAA

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-861-6240

TELEFAX: 617-861-9540

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 1618 amino acids

TYPE: AMINO ACID

TOPOLGY: Linear

MOLECULE TYPE: protein

SEQUENCE: 1618 AA; 176705 MW; 12580209 CN;

Query Match 3.6%; Score 107; DB 1; Length 1618;
 Best Local Similarity 26.2%; Pred. No. 4.38e+00; Mismatches 22; Indels 2; Gaps 2;
 Matches 17; Conservative 24; MisMatches 22;

Db 1225 YTPILE-DAPGLQOAEQSG-EASWVGVOQRAEAKVSEQQEEELGSFEGLOEBEGRS 1282
 QY 196 YEPPLDPALSDGSDSIDGEGDRGDEKRKNKGTS 255

Db 1283 EEESE 1287
 QY 256 QKSKD 260

RESULT 13 ID US-07-853-913-4 STANDARD: PRT: 1618 AA.

AC XXXXXX DT XX DE Sequence 4, Application US/07853913

XX CC Sequence 4, Application US/07853913
CC Patent No. 5338839
CC GENERAL INFORMATION:CC APPLICANT: McFay, Ronald D.G.
CC APPLICANT: Landahl, Urban
CC TITLE OF INVENTION: Nestin Expression As An Indicator of
CC TITLE OF INVENTION: Neuroepithelial Tumors
CC NUMBER OF SEQUENCES: 4CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
CC STREET: Two Millettia Drive
CC CITY: Lexington
CC STATE: Massachusetts
CC COUNTRY: U.S.A.
CC ZIP: 02173CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/07/853,913
CC FILING DATE: 19920319
CC CLASSIFICATION: 435CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 07/660,412
CC FILING DATE: 22-FEB-1991CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 07/603,803
CC FILING DATE: 25-OCT-1990CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US 07/201,762
CC FILING DATE: 02-JUN-1988

RESULT 14 ID PCT-US94-04496-2 STANDARD: PRT: 218 AA.

AC XXXXXX DT XX DE Sequence 2, Application PC/TUS9404496

XX CC Sequence 2, Application PC/TUS9404496
CC GENERAL INFORMATION:
CC APPLICANT: Croce, Carlo
CC APPLICANT: Canani, EliCC TITLE OF INVENTION: Diagnostics, Therapeutics and Methods
CC TITLE OF INVENTION: for Detection of Acute Leukemias
CC TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the ALL-1
CC NUMBER OF SEQUENCES: 86
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewitz &
CC STREET: One Liberty Place, 46th floor
CC CITY: Philadelphia
CC STATE: Pennsylvania
CC COUNTRY: USA
CC ZIP: 19103CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: PC/TUS94/04496
CC FILING DATE:
CC CLASSIFICATION:CC ATTORNEY/AGENT INFORMATION:
CC NAME: DeLuca Esq., MarkCC REGISTRATION NUMBER: 33,229
CC REFERENCE/DOCKET NUMBER: TDU-1242
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (215) 568-3100
CC TELEFAX: (215) 568-3439

CC INFORMATION FOR SEQ ID NO: 2:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 218

CC TYPE: amino acid

CC APPLICATION NUMBER: US 07/180,548

CC TOPOLOGY: linear
 SQ SEQUENCE: 218 AA; 24399 MW; 237063 CN;

Query Match 3.5%; Score 104; DB 4; Length 218;
 Best Local Similarity 29.7%; Pred. No. 7, 11e+00;
 Matches 11; Conservative 9; Mismatches 15; Indels 2; Gaps 2;

Db 74 WLCPRTCVTCNMSS-GSKVK-COKCOKNYHSTQLG 108
 Qy 340 WQCMECKTCICGGPHEEEMFCDMCDRGYHTFCVG 376

Search completed: Sun Jun 4 15:33:14 2000
 Job time : 16 secs.

Db 74 WLCPRTCVTCNMSS-GSKVK-COKCOKNYHSTQLG 108
 Qy 340 WQCMECKTCICGGPHEEEMFCDMCDRGYHTFCVG 376

RESULT 15
 ID US-08-327-392-2 STANDARD; PRT; 218 AA.
 XX
 XY Sequence 2, Application US/08327392.
 AC
 XX
 DT
 XX
 DE Sequence 2, Application US/08327392.
 XY
 CC Sequence 2, Application US/08327392.
 CC GENERAL INFORMATION:
 CC APPLICANT: Croce, Carlo
 CC APPLICANT: Cananni, Eli
 CC TITLE OF INVENTION: ALL-1 Polynucleotides and Monoclonal
 CC Title of Invention: Antibodies for Leukemia Detection and
 CC Title of Invention: Treatment
 CC NUMBER OF SEQUENCES: 24
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5633136ris
 CC STREET: One Liberty Place - 46th Floor
 CC CITY: Philadelphia
 CC STATE: PA
 CC COUNTRY: USA
 CC ZIP: 19103
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 CC COMPUTER: IBM
 CC OPERATING SYSTEM: PC-DOS
 CC SOFTWARE: WORDPERFECT 5.1
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/327,392
 CC FILING DATE:
 CC CLASSIFICATION: 435
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: 07/971,094
 CC FILING DATE: 30-OCT-92
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: 07/888,830
 CC FILING DATE: 27-MAY-92
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: 07/805,093
 CC FILING DATE: 11-DEC-91
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: DeLuca, Mark
 CC REFERENCE/DOCKET NUMBER: TJu-1331
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (215) 568-3100
 CC TELEFAX: (215) 568-3439
 CC INFORMATION FOR SEQ ID NO: 2:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 218
 CC TYPE: amino acid
 CC TOPOLOGY: linear
 SQ SEQUENCE: 218 AA; 24399 MW; 237063 CN;

Query Match 3.5%; Score 104; DB 1; Length 218;
 Best Local Similarity 29.7%; Pred. No. 7, 11e+00;
 Matches 11; Conservative 9; Mismatches 15; Indels 2; Gaps 2;

QY 116 MGPPSEQTRHL 128

Page
1

THE
REVIEW
OF
LITERATURE
IN
EDUCATION

Release 3.1A John F. Collins, Biocomputing Research Unit.
Copyright (c) 1993-1998 University of Edinburgh, U.K.
Distribution rights by Oxford Molecular Ltd

Tabular output not generated.

Sequence: I MEVAKRSLSLTYKSKLSRHV. . . .

Searched: -
145341 seqs, 14437480 residues

Post-processing: Minimum Match 0% summaries
Listing first 45 summaries

Statistics: 1:5A_COMB 2:5B_COMB 3:6_COMB 4:PCT_C

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is absolute, however, it is not necessarily the same as the actual probability of getting a result with a score equal to or greater than the one being printed.

SUMMARIES

No.	Score	Query	Length	DB	ID	Description	Pred.	No.
1	0.5	5 5	103	A	normecon	common 3	multiple	0.012000

5	5.5	5.5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
10	10	10	10	10
11	11	11	11	11
12	12	12	12	12
13	13	13	13	13
14	14	14	14	14
15	15	15	15	15
16	16	16	16	16
17	17	17	17	17
18	18	18	18	18
19	19	19	19	19
20	20	20	20	20
21	21	21	21	21
22	22	22	22	22
23	23	23	23	23
24	24	24	24	24
25	25	25	25	25
26	26	26	26	26
27	27	27	27	27
28	28	28	28	28
29	29	29	29	29
30	30	30	30	30
31	31	31	31	31
32	32	32	32	32
33	33	33	33	33
34	34	34	34	34
35	35	35	35	35
36	36	36	36	36
37	37	37	37	37
38	38	38	38	38
39	39	39	39	39
40	40	40	40	40
41	41	41	41	41
42	42	42	42	42
43	43	43	43	43
44	44	44	44	44
45	45	45	45	45
46	46	46	46	46
47	47	47	47	47
48	48	48	48	48
49	49	49	49	49
50	50	50	50	50
51	51	51	51	51
52	52	52	52	52
53	53	53	53	53
54	54	54	54	54
55	55	55	55	55
56	56	56	56	56
57	57	57	57	57
58	58	58	58	58
59	59	59	59	59
60	60	60	60	60
61	61	61	61	61
62	62	62	62	62
63	63	63	63	63
64	64	64	64	64
65	65	65	65	65
66	66	66	66	66
67	67	67	67	67
68	68	68	68	68
69	69	69	69	69
70	70	70	70	70
71	71	71	71	71
72	72	72	72	72
73	73	73	73	73
74	74	74	74	74
75	75	75	75	75
76	76	76	76	76
77	77	77	77	77
78	78	78	78	78
79	79	79	79	79
80	80	80	80	80
81	81	81	81	81
82	82	82	82	82
83	83	83	83	83
84	84	84	84	84
85	85	85	85	85
86	86	86	86	86
87	87	87	87	87
88	88	88	88	88
89	89	89	89	89
90	90	90	90	90
91	91	91	91	91
92	92	92	92	92
93	93	93	93	93
94	94	94	94	94
95	95	95	95	95
96	96	96	96	96
97	97	97	97	97
98	98	98	98	98
99	99	99	99	99
100	100	100	100	100

NOTE: BACKORDER AND
REGISTRATION NUMBER: P-39,244
REFERENCE/DOCKET NUMBER: 210121.404PC
TELECOMMUNICATION INFORMATION:

12	87	5.0	1130	2
13	86	4.9	376	2
14	86	4.9	376	3
15	96	4.9	376	3

19	83	4.8	45	2	US-001470-Sequence 16, Application 7, 34e1
20	83	4.8	470	4	PCT-US94-0 Sequence 9, Application 7, 34e1
21	83	4.8	170	2	US-001470-Sequence 9, Application 7, 34e1
22	83	4.8	170	1	US-001470-Sequence 9, Application 7, 34e1
			1	ns-001470-Sequence 9, Application 7, 34e1	

ALIGNMENTS

RESULT 1
ID PCT-US95-05064-2
STANDARD; PRT; 403 AA.

AC
XX
DT
XXXXXX

Sequence 2, Application PC/TUS9505064 DE XX

GENERAL INFORMATION:
APPLICANT: Corixa Corporation
TITLE OF INVENTION: Composting and

NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY
CC
CC

CC
CC
CITY: Seattle
STATE: Washington
COMPANY: NSA

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk

CC
CC
CC
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT ADDITION DATA:

REF ID: A64244
CLASSIFICATION NUMBER: FCI-0333/00004
FILLING DATE: 24-APR-1995
CLASSIFICATION:

NAME: Kadlecak, Ann T.
REGISTRATION NUMBER: P-39,244
DEPARTMENT/DOCTORATE NUMBER: 510121 101025

CC
CC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 403 amino acids

Query Match 5.5%; Score 95; DB 4; Length 403;

Best Local Similarity 25.6%; Pred. No. 9.91e+00;
 Matches 21; Conservative 23; Mismatches 32; Indels 6; Gaps 6;

Db 230 ILVK-RESLTREGIKOFFIAVEEE-HKLDTMLDLYETVSTAQSIVFANTRKVWIAEKL 287
 QY 66 LLLKVRDILMAD-KPFFLVLIEDGTVET-EEYFOALA-GDTV-FMVLOKGQKWPSE 121

Db 288 NOSNHTVSSMHAEMPSDRREV 309
 QY 122 OGTRHPLSLSHRPAKKIDARY 143

RESULT 2 STANDARD: PRT: 403 AA.

ID US-08-989-370-4
 XX AC xxxxxx
 AC XXXXXX
 DT DE Sequence 4, Application US/08634642
 XX Sequence 4, Application US/08634642
 CC Patient No. 587967
 CC GENERAL INFORMATION:
 CC APPLICANT: Reed, Steven G.
 CC TITLE OF INVENTION: METHODS FOR ENHANCEMENT OF PROTECTIVE IMMUNE RESPONSES
 CC NUMBER OF SEQUENCES: 15
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: SIEB and BERRY LLP
 CC STREET: 6300 Columbia Center, 701 Fifth Avenue
 CC CITY: Seattle
 CC STATE: Washington
 CC ZIP: 98104-7092
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: FLOPPY DISK
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: PatentIn Release #1.0, Version #1.30
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/634,642
 CC FILING DATE: 18-APR-1996
 CC CLASSIFICATION: 424
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Maki, David J.
 CC REGISTRATION NUMBER: 31,392
 CC REFERENCE/DOCKET NUMBER: 210121.404C4
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (206) 622-4900
 CC TELEFAX: (206) 682-6031
 CC INFORMATION FOR SEQ ID NO: 4:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 403 amino acids
 CC TYPE: amino acid
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: protein
 CC SEQUENCE 403 AA; 45326 MW; 829472 CN;
 SQ QUERY MATCH 5.5%; Score 95; DB 2; Length 403;
 Best local similarity 25.6%; Pred. No. 9.91e+00;
 Matches 21; Conservative 23; Mismatches 32; Indels 6; Gaps 6;
 Db 230 ILVK-RESLTREGIKOFFIAVEEE-HKLDTMLDLYETVSTAQSIVFANTRKVWIAEKL 287
 QY 66 LLLKVRDILMAD-KPFFLVLIEDGTVET-EEYFOALA-GDTV-FMVLOKGQKWPSE 121

Db 288 NOSNHTVSSMHAEMPSDRREV 309
 QY 122 OGTRHPLSLSHRPAKKIDARY 143

RESULT 4 STANDARD: PRT: 403 AA.

ID US-08-634-642-2
 XX AC xxxxxx
 AC XXXXXX
 DT DE Sequence 2, Application US/08634642
 CC Sequence 2, Application US/08634642
 CC Patent No. 587967
 CC GENERAL INFORMATION:
 CC APPLICANT: Reed, Steven G.
 CC TITLE OF INVENTION: METHODS FOR ENHANCEMENT OF PROTECTIVE IMMUNE RESPONSES
 CC NUMBER OF SEQUENCES: 15

RESULT 3 STANDARD: PRT: 403 AA.

ID US-08-634-642-4
 STANDARD: PRT: 403 AA.

CC NUMBER OF SEQUENCES: 15
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: SEED and BERRY LLP
 CC STREET: 6300 Columbia Center, 701 Fifth Avenue
 CC CITY: Seattle
 CC STATE: Washington
 CC COUNTRY: USA
 CC ZIP: 98104-7092
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: PatentIn Release #1.0, Version #1.30
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/634,642
 CC FILING DATE: 18-APR-1996
 CC CLASSIFICATION: 424
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Maki, David J.
 CC REGISTRATION NUMBER: 31,392
 CC REFERENCE/DOCKET NUMBER: 210121.404C4
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (206) 622-4900
 CC TELEFAX: (206) 622-6031
 CC INFORMATION FOR SEQ ID NO: 2:
 CC INFORMATION FOR SEQ ID NO: 2:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 403 amino acids
 CC LINELENGTH: 403 amino acids
 CC TYPE: amino acid
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: protein
 CC SQ SEQUENCE 403 AA; 45369 MW; 838361 CN;
 Query Match 5,5%; Score 95; DB 2; Length 403;
 Best Local Similarity 25,6%; Pred. No. 9.91e+00;
 Matches 21; Conservative 23; Mismatches 32; Indels 6; Gaps 6;
 Db 230 ILVK-RESLTLEGKQFFKAVEEE-HKLDLMLQVETVSIAQSVIFANTRRKVDWIAEKL 287
 QY 66 LLKVQVDTMLAD-KPFFLVLEEDGTVET-EEVFOAAL-GDTV-FMVLRQKGOKWOPSE 121
 Db 288 NQSHTVSSMHAEMPKSDERV 309
 QY 122 QGTRHPLSLHKPAKKIDVARV 143
 CC RESULT 5
 ID US-08-607-509-4
 XX STANDARD: PRT; 403 AA.
 AC XXXXXX
 XX DT
 DE Sequence 2, Application US/08607509
 CC Sequence 2, Application US/08607509
 CC Patent No. 5,676,735
 CC GENERAL INFORMATION:
 CC APPLICANT: Reed, Steven G.
 CC TITLE OF INVENTION: METHODS FOR ENHANCEMENT OF PROTECTIVE IMMUNE RESPONSES
 CC NUMBER OF SEQUENCES: 15
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: SEED and BERRY LLP
 CC STREET: 6300 Columbia Center, 701 Fifth Avenue
 CC CITY: Seattle
 CC STATE: Washington
 CC COUNTRY: USA
 CC ZIP: 98104-092
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: PatentIn Release #1.0, Version #1.30
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/607,509
 CC FILING DATE: 16-FEB-1996
 CC CLASSIFICATION: 435
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Maki, David J.
 CC REGISTRATION NUMBER: 31,392
 CC REFERENCE/DOCKET NUMBER: 210121.404C3
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (206) 622-4900
 CC TELEFAX: (206) 622-6031
 CC INFORMATION FOR SEQ ID NO: 2:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 403 amino acids
 CC TYPE: amino acid

CC TOPOLGY: linear
 CC MOLECULE TYPE: protein
 SQ SEQUENCE: 403 AA; 45269 MW; 838361 CN;

Query Match 5.5%; Score 95; DB 2; Length 403;
 Best Local Similarity 25.6%; Pred. No. 9.91e+00;
 Matches 21; Conservative 23; Mismatches 32; Indels 6; Gaps 6;

Db 230 IIVK-RLSLTEGIGKOFFIAVEEE-HKLDLMLDLYETVSTAQSVFANTRKVDWAEKL 287
 QY 66 IILKVKDMLAD-KPFFLVLEDGTIVET-EEYFOALA-GDTV-FMWLQKGQKWPSE 121

Db 288 NQSNHIVSSMHAEMPKSDRREV 309
 QY 122 QGTRHPLSLSHKPAKKIDVARV 143

RESULT 7
 ID US-08-533-669A-10 STANDARD: PRT; 403 AA.
 XX
 AC XXXXXX
 DT
 DE
 Sequence 10, Application US/08533669A
 Sequence 10, Application US/08533669A
 Patent No. 5834592
 GENERAL INFORMATION:
 APPLICANT: Corixa Corporation
 TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE
 TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF LEISHMANIASIS
 NUMBER OF SEQUENCES: 18
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SEED and BERRY LLP
 STREET: 6300 Columbia Center, 701 Fifth Avenue
 CITY: Seattle
 STATE: Washington
 COUNTRY: USA
 ZIP: 98104-7092
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS DOS
 SOFTWARE: Patentin Release #11.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/454,036
 FILING DATE: 30-MAY-1995
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Kadlecek, Ann T.
 REGISTRATION NUMBER: P-39,244
 REFERENCE/DOCKET NUMBER: 210121.404C1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 622-4500
 TELEX: 3723836 SEEBANDBERRY
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 403 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 CC TOPOLGY: linear
 CC MOLECULE TYPE: protein
 SQ SEQUENCE: 403 AA; 45269 MW; 838361 CN;

Query Match 5.5%; Score 95; DB 2; Length 403;
 Best Local Similarity 25.5%; Pred. No. 9.91e+00;
 Matches 21; Conservative 23; Mismatches 32; Indels 6; Gaps 6;

Db 230 IIVK-RLSLTEGIGKOFFIAVEEE-HKLDLMLDLYETVSTAQSVFANTRKVDWAEKL 287
 QY 66 IILKVKDMLAD-KPFFLVLEDGTIVET-EEYFOALA-GDTV-FMWLQKGQKWPSE 121

Db 288 NQSNHIVSSMHAEMPKSDRREV 309
 QY 122 QGTRHPLSLSHKPAKKIDVARV 143

RESULT 9
 ID US-08-989-370-2 STANDARD: PRT; 403 AA.
 XX
 AC XXXXXX
 DT
 DE
 Sequence 2, Application US/08899370

Sequence 2, Application US/08989370
 CC STATE: DC
 CC PATENT NO. 6013268
 CC COUNTRY: USA
 CC ZIP: 20006-1888
 CC GENERAL INFORMATION:
 CC APPLICANT: Red, Steven G.
 CC TITLE OF INVENTION: METHODS FOR ENHANCEMENT OF PROTECTIVE IMMUNE RESPONSES
 CC NUMBER OF SEQUENCES: 14
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: SEED and BERRY
 CC STREET: 6300 Columbia Center, 701 Fifth Avenue
 CC CITY: Seattle
 CC STATE: Washington
 CC COUNTRY: USA
 CC ZIP: 98104-7092
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: FLOPPY disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Patentin Release #1.0, version #1.30
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/989, 370
 CC FILING DATE: 12-DEC-1997
 CC CLASSIFICATION:
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Maki, David J.
 CC REGISTRATION NUMBER: 31,392
 CC REFERENCE/DOCKET NUMBER: 210121.404C5
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (206) 622-4900
 CC TELEFAX: (206) 622-6031
 CC INFORMATION FOR SEQ ID NO: 2:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 403 amino acids
 CC TYPE: amino acid
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: protein
 CC SEQUENCE: 403 AA; 45269 MW; 838361 CN;
 Query Match 5.5%; Score 95; DB 3; Length 403;
 Best Local Similarity 25.6%; Pred. No. 9.91e+00;
 Matches 21; Conservative 23; Mismatches 32; Indels 6; Gaps 6;
 Db 230 ILVK-RESLTLEGIIKOFFIAVEEE-HKLDTLMLDLYTENVIQSOFVANTRRKVWDWAEKL 287
 Qy 66 LILKVADYLMLAD-KPFFLVLEEDGTVET-EYFOALA-GDTV-FWVLQRGQKQWOPPSE 121
 Db 288 NQSNHIVSSMHEAEMPSDREV 309
 Q 122 OGTRHLDSLISKPKAKKIDVRY 143
 RESULT 10
 ID US-08-665-647-5 STANDARD; PRT; 431 AA.
 XX AC XXXXXX
 XX DT
 Sequence 5, Application US/08665647
 CC Sequence 5, Application US/08665647
 CC Patent No. 5935803
 CC GENERAL INFORMATION:
 CC APPLICANT: Dasquez, Nicki J.
 CC APPLICANT: Ron, Dorit
 CC APPLICANT: Voronova, Anna F.
 CC APPLICANT: Napolitano, Eugene W.
 CC TITLE OF INVENTION: METHODS TO IDENTIFY IMMUNOMODULATORS
 CC TITLE OF INVENTION: USING COGNATE INTERACTION OF PKC-THETA
 CC NUMBER OF SEQUENCES: 89
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: MORRISON & FOERSTER
 CC STREET: 2000 Pennsylvania Avenue, NW - Ste. 5500
 CC CITY: Washington
 CC COUNTRY: USA
 CC ZIP: 94304-1018
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: FLOPPY disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Patentin Release #1.0, version #1.30
 CC
 CC STATE: DC
 CC COUNTRY: USA
 CC ZIP: 20006-1888
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: FLOPPY disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Patentin Release #1.0, version #1.30
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/665, 647
 CC FILING DATE: 18-JUN-1996
 CC CLASSIFICATION: A435
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Murashige, Kate H.
 CC REGISTRATION NUMBER: 29,959
 CC REFERENCE/DOCKET NUMBER: 22550-20025.25
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (202) 822-0168
 CC TELEX: 90-4030 MRINFOERWSH
 CC INFORMATION FOR SEQ ID NO: 5:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 431 amino acids
 CC TYPE: amino acid
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: Protein
 CC SEQUENCE: 431 AA; 47145 MW; 939987 CN;
 Query Match 5.1%; Score 89; DB 2; Length 431;
 Best Local Similarity 28.8%; Pred. No. 2.73e+01;
 Matches 21; Conservative 21; Mismatches 26; Indels 5; Gaps 5;
 AC Xxxxxx
 XX DT
 Sequence 32, Application US/08680326
 XX DB
 Sequence 32, Application US/08680326
 CC Sequence 32, Application US/08680326
 CC Patent No. 5925733
 CC GENERAL INFORMATION:
 CC APPLICANT: ROSE, TIMOTHY M.
 CC APPLICANT: BOSCH, MARNIX
 CC APPLICANT: STRAND, KURT
 CC APPLICANT: TODARO, GEORGE J.
 CC APPLICANT: TOSTRUP, JOHN
 CC TITLE OF INVENTION: DNA POLYMERASE OF GAMMA HERPES VIRUSES
 CC ASSOCIATED WITH KAPOSI'S SARCOMA AND RETROPERITONEAL
 CC FIBROMATOSIS
 CC NUMBER OF SEQUENCES: 152
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: MORRISON & FOERSTER
 CC STREET: 755 Page Mill Road
 CC CITY: Palo Alto
 CC STATE: California
 CC COUNTRY: USA
 CC ZIP: 94304-1018
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: FLOPPY disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Patentin Release #1.0, version #1.30

CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/680,326
 CC FILING DATE:
 CC CLASSIFICATION: 514
 CC ATTORNEY/AGENT INFORMATION:
 NAME: Schiff, J. Michael
 REGISTRATION NUMBER: 40,253
 REFERENCE/DOCKET NUMBER: 29938-20001.00
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 813-6600
 TELEFAX: (415) 494-0792
 TELX: 706141
 INFORMATION FOR SEQ ID NO: 32:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1015 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 SEQUENCE 1130 AA; 123455 MN; 6273599 CN;
 SQ

Query Match 5.0%; Score 87; DB 2; Length 1015;
 Local Similarity 45.5%; Pred. No. 3.81e-01; Mismatches 5; Indels 1; Gaps 1;
 Ques 10; Conservative 6; MisMatches 5; Indels 1; Gaps 1;
 AC

RESULT 12 ID US-08-519-547A-6 STANDARD; PRT; 1130 AA.
 XX
 AC XXXXXX
 DT
 XX
 DE
 XX
 Sequence 89, Application US/08997362
 CC
 Sequence 89, Application US/08997362
 CC
 Patent No. 5985287
 GENERAL INFORMATION:
 CC
 APPLICANT: Tan, Paul
 CC
 APPLICANT: Hirama, Jun
 CC
 APPLICANT: Visser, Elizabeth
 CC
 APPLICANT: Skinner, Marot
 CC
 APPLICANT: Scott, Linda
 CC
 APPLICANT: Prestidge, Ross
 TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
 CC
 TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
 NUMBER OF SEQUENCES: 194
 CORRESPONDENCE ADDRESS:
 CC
 ADDRESSEE: Law Offices of Ann W. Speckman
 STREET: 2601 Elliott Avenue, Suite 4185
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98121
 COMPUTER READABLE FORM:
 CC
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WordPerfect 6.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/519,547A
 FILING DATE: 25-AUG-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: EP-A113378.7
 FILING DATE: 26-AUG-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: HALY, JAMES F.
 REGISTRATION NUMBER: 27,794
 REFERENCE/DOCKET NUMBER: VOS-11
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-596-9000
 TELEFAX: 212-596-9090
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 376 amino acids
 TYPE: amino acid

Sun Jun 4 17:48:41 2000

US-09-471-749-3.ral

Page 8

QY 82 FVLEEDGTIVTEEVFQALA-GD-TVFMVLOKGOKWQPSEQGTR-HPLSLSHKPAKKI 138
Db 74 NYNTV-FOHYALFPH 87
QY :| :| :| :| :| :|
139 DVARVTFDLYKJNPQ 153

Search completed: Sun Jun 4 15:28:28 2000
Job time : 12 secs.

ALIGNMENTS

RESULT 1 ID US-08-881-857-2 STANDARD; PRT; 405 AA.

45 92 3.1 1070 2 US-08-633- Sequence 2, Application US/08881857
LCTULXX ACxxxxx
XX DT
XX DE Sequence 2, Application US/08881857
XX CC GENERAL INFORMATION:
CC APPLICANT: KIRILY, KRISTINE K
CC APPLICANT: GROSS, MICHELLE S
CC ADDRESS: 401 WILMINGTON AVENUE
CC CITY: WILMINGTON
CC STATE: DE
CC ZIP: 19482
CC COMPUTER: IBM COMPATIBLE
CC OPERATING SYSTEM: DOS
CC SOFTWARE: PASSED for Windows Version 2.0
CC CURRENT APPLICATION NUMBER: US/08/881,857
CC FILING DATE: 26-JUN-1996
CC ATTORNEY/AGENT INFORMATION:
CC NAME: PRESSTA, PAUL F
CC REFERENCE/DOCUMENT NUMBER: 23,031
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 610-407-0700
CC TELEFAX: 610-407-0701
CC CC INFORMATION FOR SEQ ID NO: 2:
CC SEQUENCE CHARISTICS:
CC LENGTH: 405 amino acids
CC SEQUENCE:

Sum Jun 4 17:48:43 2000

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

FEATURE
85-373
88-92
186-191
180-193
91
SUMMARY
#domain DEAD/H box helicase homology #label DEAD\\
#region nucleotide-binding motif A (P-loop)\\
#region nucleotide-binding motif B\\
#region DEAD motif\\
#binding_site ATP (Lys) #status predicted
#length 414 #molecular-weight 46927 #checksum 2762

Query Match 5.3%; Score 92; DB 2; Length 414;
Best Local Similarity 26.8%; Pred. No. 3. 92e+00; Matches 19; Mismatches 27; Indels 5; Gaps 5;

Db 242 ILVK RDELTLLEGIGQFIVVNEKEWKLDTLCDDLYETLATQSIVFNTRRKVDWLTKM 300
Qy 66 LLIKRTDTLMAD-PPPELVLEEDCTTVE-EVHQALA-GDTV-FMVLOKGQRWQPSE 121

Db 301 RGRDHIVSATH 311
Qy 122 QGTRRPLSLSH 132

Se completed: Sun Jun 4 15:27:26 2000
Job time : 22 secs.